What is claimed is:

1. An update notification device for repeatedly accessing at least one Web site identifiable with a preset address and outputting a notification message including the presence or absence of the update to the outside if any web page has been updated in the Web site, the device comprising:

updated data extracting means for extracting updated data from the updated Web page; and

updated data output means for, in outputting, adding to the notification message one or both of the header of the updated data and the updated data and the address of the Web page.

2. An update notification device according to Claim 1, wherein the updated data extracting means extracts the updated data from the differential information piece in character or line between the previous data and latest data of the Web page.

3. An update notification device according to Claim 2, wherein the updated data extracting means has means for converting the updated data to a main passage when the size of the differential information piece is equal to or more than a predetermined threshold value.

4. An update notification device according to Claim 1, wherein the updated data extracting means extracts the updated data from a differential information piece of a part

determined by a template held in advance in accordance with the Web page.

5. An update notification device according to Claim 4, wherein the updated data extracting means has means for converting the updated data to a main passage when the size of the differential information piece is equal to or more than a predetermined threshold value.

6. An update notification device according to Claim 1, further comprising:

notification-receiver's address holding means for holding the address of a user terminal for receiving an update notification with respect to each of the at least one Web site,

wherein the updated data output means sends a notification message having the updated data to the address of the user terminal with respect to each of the at least one Web site.

7. An update notification device according to Claim 6, wherein the notification-receiver's address holding means further has means for holding at least one keyword with respect to the address of the user terminal, wherein the updated data extracting means has means for removing the differential information piece from the updated data when the differential information piece does not include the held keyword.

8. An update notification device according to Claim 6,

wherein the notification-receiver's address holding means further has means for holding at least one keyword with respect to the address of the user terminal,

wherein the updated data extracting means has mean s for compiling the rank, which indicates the degree-of-attention of the Web page, in accordance with the frequency of occurrence of updated data having a keyword corresponding to each of the entire user terminals.

9. An update notification device accord ing to Claim 1, wherein the updated data output means has means for creating the notification message in accordance with a predetermined template before the output of the notification message.

10. An update notification device according to Claim 1, wherein the updated data output means has means for creating the title of the notification message from the updated data.

11. An update notification device according to Claim 10, wherein the updated data output means has means for giving, to the title of the notification message, a notification message issue number incremented for each output or each of the notification-receivers' addresses.

12. An update notification method for repeatedly accessing at least one Web site identifiable with a preset address and outputting a notification message including the presence or absence of the update to the outside if any web

page has been updated in the Web site, the method comprising:

an updated data extracting step for extracting updated data from the updated Web page; and

an updated data output step for, in outputting, adding to the notification message one or both of the header of the updated data and the updated data and the address of the Web page.

13. An update notification method according to Claim 12, wherein the updated data extracting step extracts the updated data from the differential information piece in character or line between the previous data and latest data of the Web page.

14. An update notification method according to Claim 13, wherein the updated data extracting step has a step for converting the updated data to a main passage when the size of the differential information piece is equal to or more than a predetermined threshold value.

15. An update notification method according to Claim 12, wherein the updated data extracting step extracts the updated data from a differential information piece of a part determined by a template held in advance in accordance with the Web page.

16. An update notification method according to Claim 15, wherein the updated data extracting step has a step for converting the updated data to a main passage when the size

of the differential information piece is equal to or more than a predetermined threshold value.

17. An update notification method according to Cla im 12, further comprising:

a notification-receiver's address holding step for holding the address of a user terminal for receiving an update notification with respect to each of the at least one Web site,

wherein the updated data output step sends a notification message having the updated data to the address of the user terminal with respect to each of the at least one Web site.

18. An update notification method according to Claim 17, wherein the notification-receiver's address holding step further has a step for holding at least one keyword with respect to the address of the user terminal, wherein the updated data extracting step has a step for removing the differential information piece from the updated data when the differential information piece does not include the held keyword.

19. An update notification method according to Claim 17, wherein the notification-receiver's address holding step further has a step for holding at least one keyword with respect to the address of the user terminal,

wherein the updated data extracting step has a step for compiling the rank, which indicates the degree-of-attention

of the Web page, in accordance with the frequency of occurrence of updated data having a keyword corresponding to each of the entire user terminals.

20. An update notification method according to Claim 12, wherein the updated data output step has a step for creating the notification message in accordance with a predetermined template before the output of the notification message.

21. An update notification method according to Claim 12, wherein the updated data output step has a step for creating the title of the notification message from the updated data.

22. An update notification method according to Claim 21, wherein the updated data output step has a step for giving, to the title of the notification message, a notification message issue number incremented for each output or each of the notification-receivers' addresses.